

TOP OVEN

PER HALF OVEN

AMP DRAW @ 480V	97.54 A
	108
ZONES	17
3 POLE TERM. BLKS.	26
	15

PER ZONE

ZONE #	PHASE	AMPS	FUSE	WIRE
ZONE 1		3.12A	5A	16 AWG
ZONE 2		3.12A	5A	16 AWG
ZONE 3		3.12A	5A	16 AWG
ZONE 4		6.25A	10A	16 AWG
ZONE 5		6.25A	10A	16 AWG
ZONE 6		6.25A	10A	16 AWG
ZONE 7		6.25A	10A	16 AWG
ZONE 8		6.25A	10A	16 AWG
ZONE 9		6.25A	10A	16 AWG
ZONE 10	3	10.83A	15A	14 AWG
ZONE 11	3	10.83A	15A	14 AWG
ZONE 12	3	8.12A	15A	14 AWG
ZONE 13	3	8.12A	15A	14 AWG
ZONE 14	3	5.42A	7A	16 AWG
ZONE 15	3	5.42A	7A	16 AWG
ZONE 16	3	10.83A	15A	14 AWG
ZONE 17	3	10.83A	15A	14 AWG

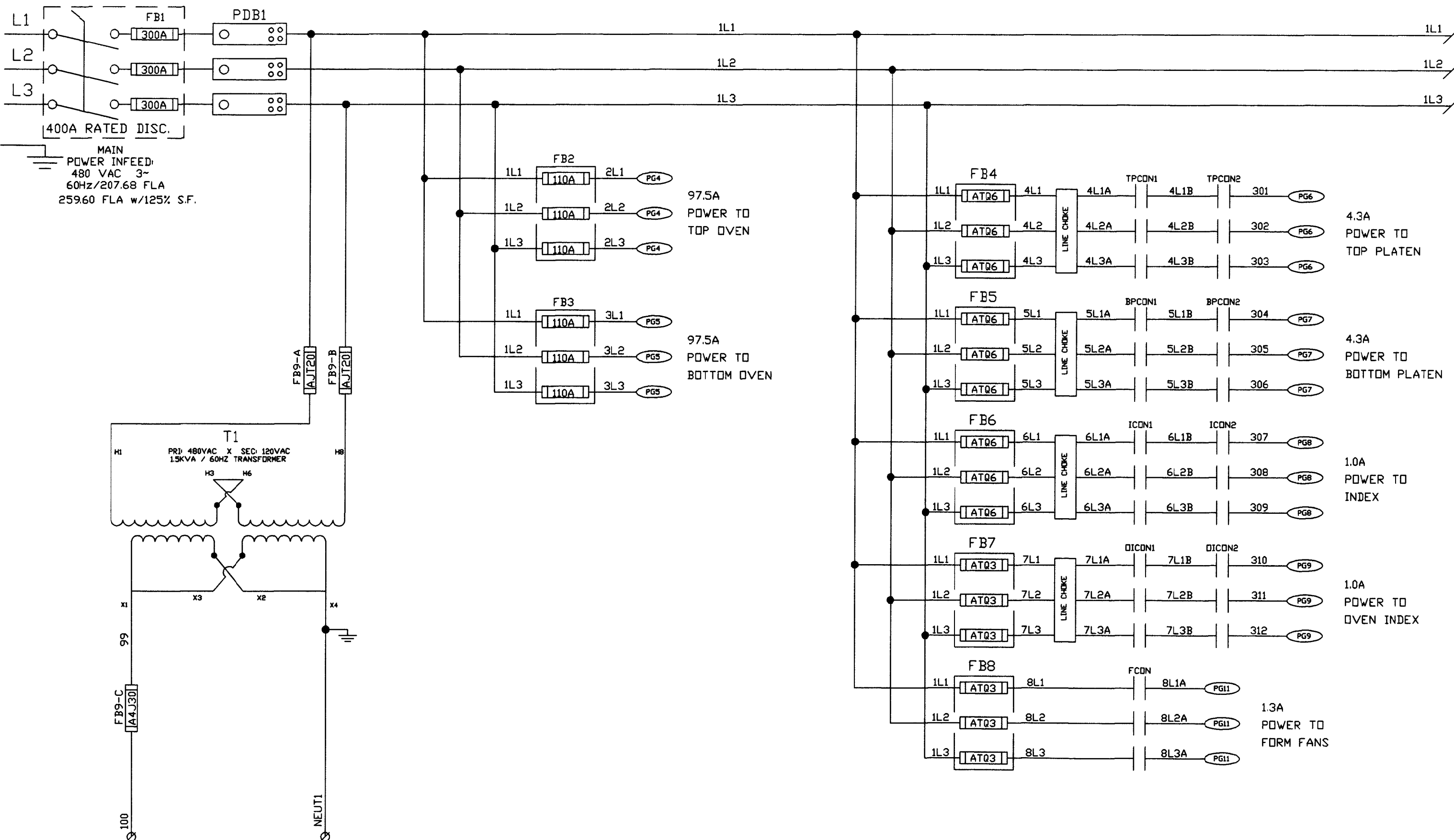
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IL 60188
PH# 630 665 1700

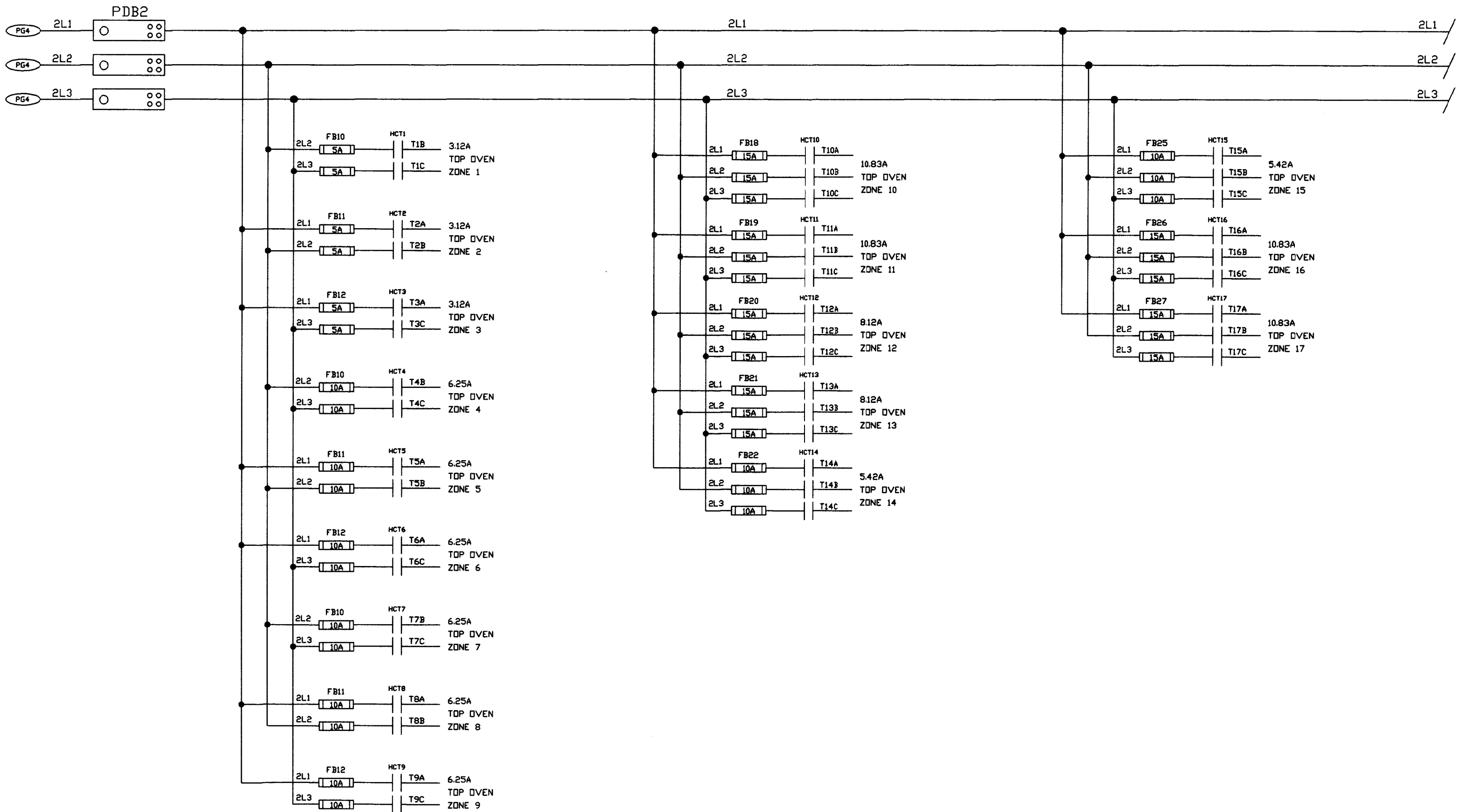
TOP OVEN LAYOUT

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MAIN POWER DISTRIBUTION			3888
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TOP OVEN WIRING

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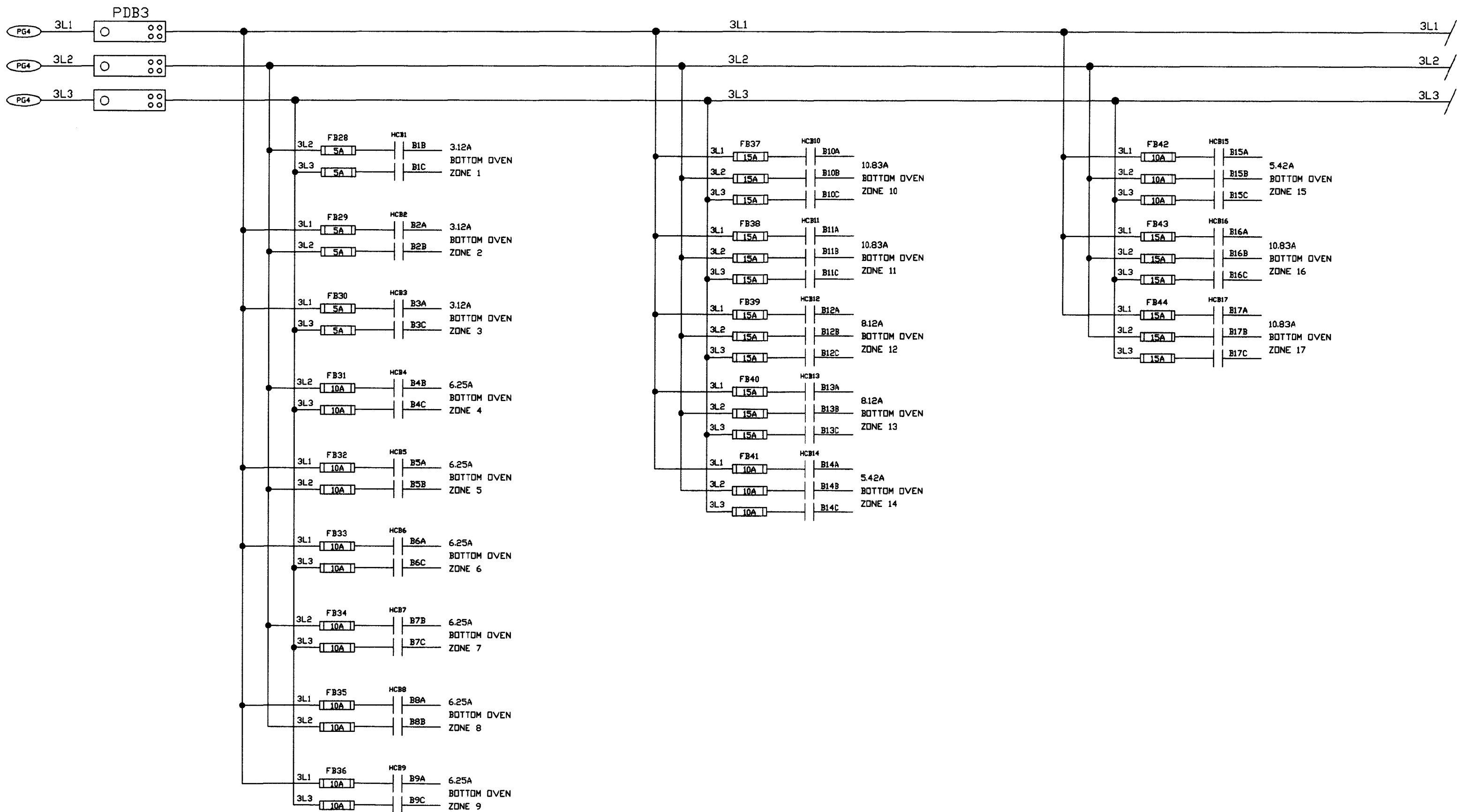
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PG04_TOP OVEN WIRING

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BOTTOM OVEN WIRING

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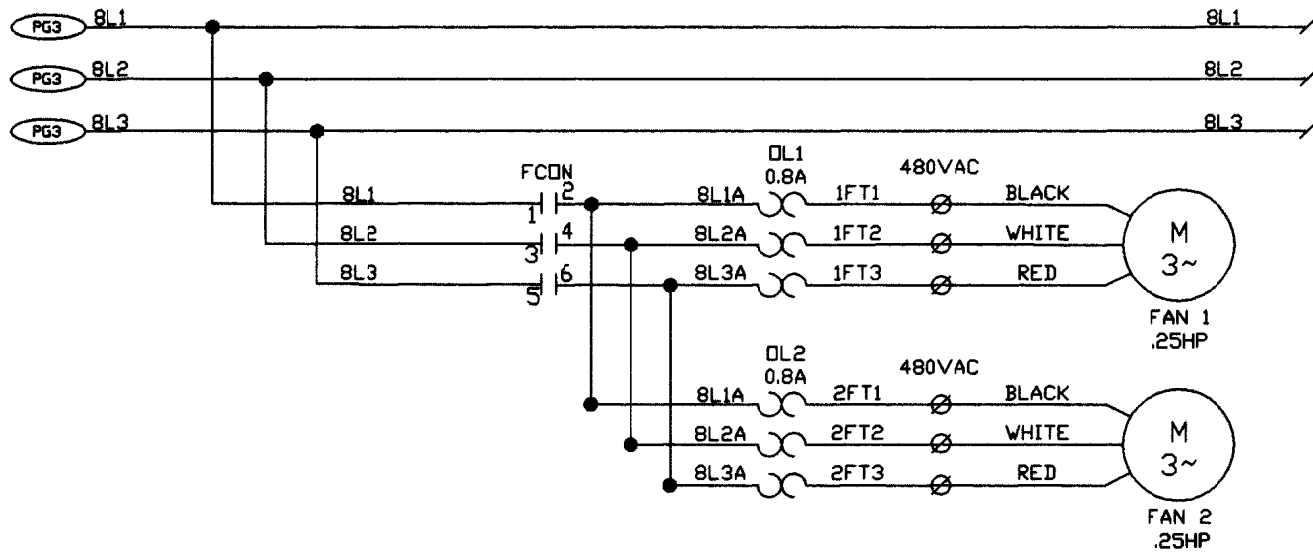
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PG05_BOTTOM OVEN WIRING

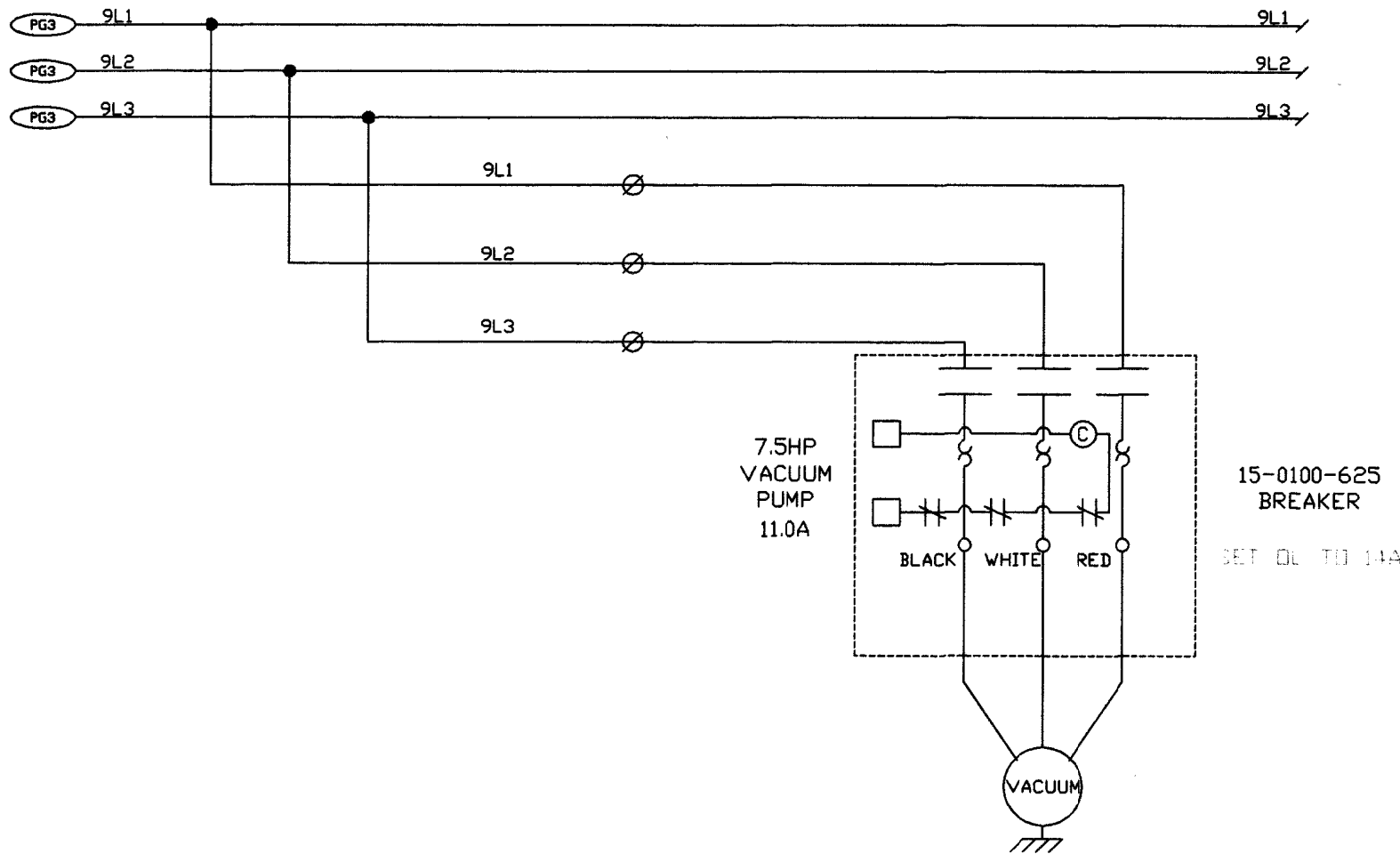
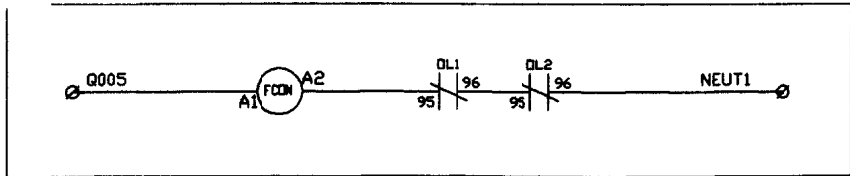
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42

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FCON COIL DETAIL



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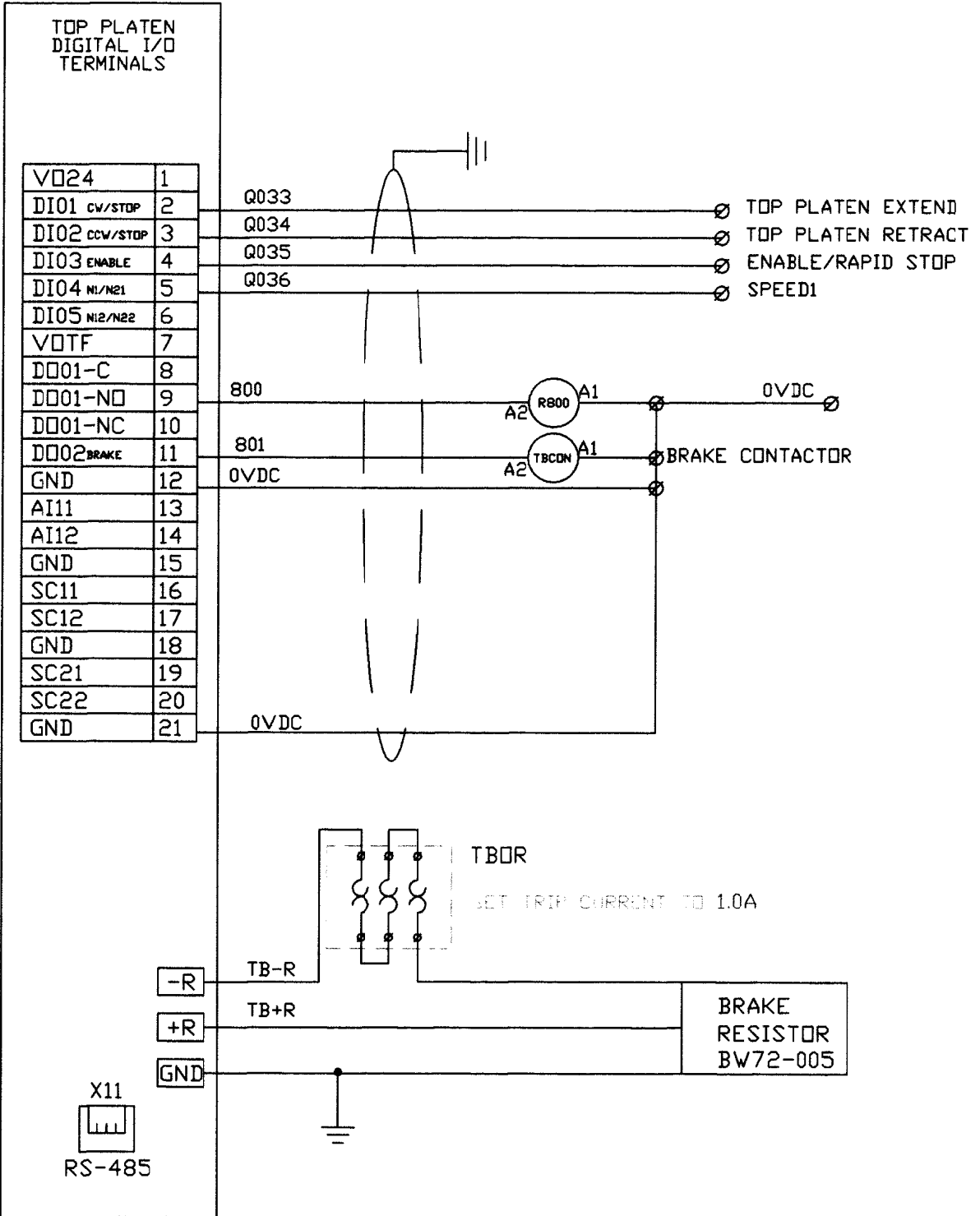
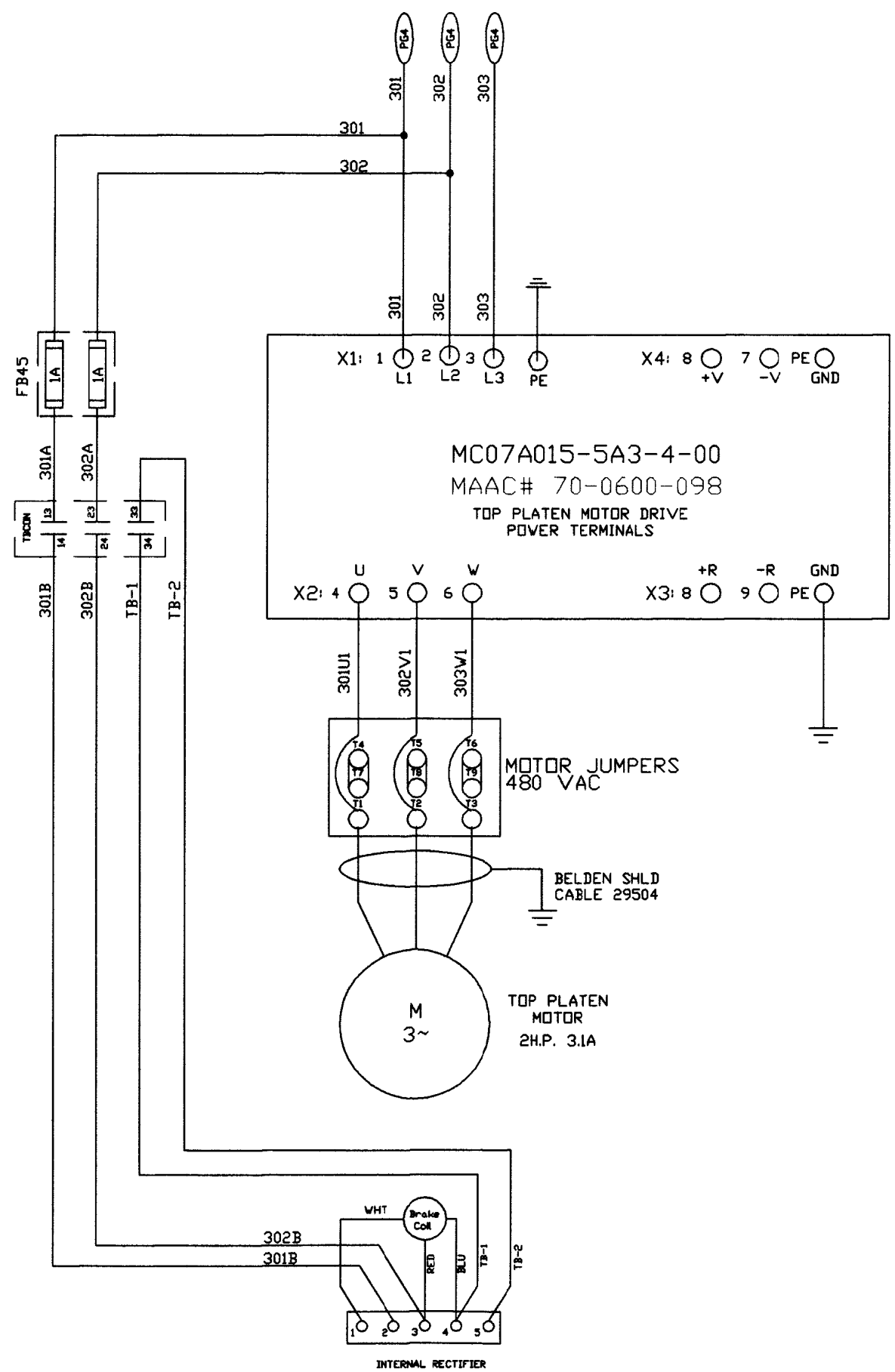


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FORM FANS &
VACUUM PUMP

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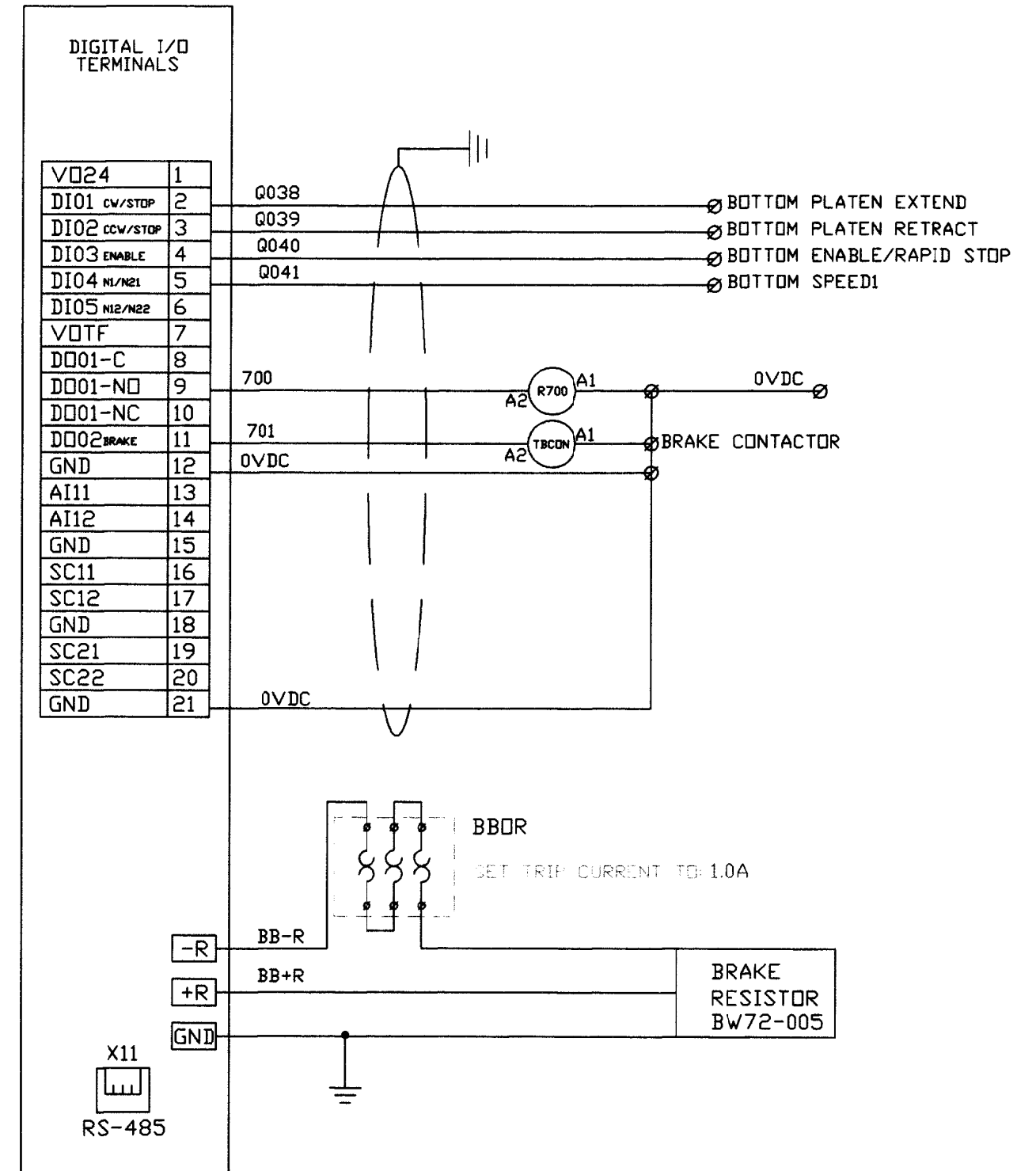
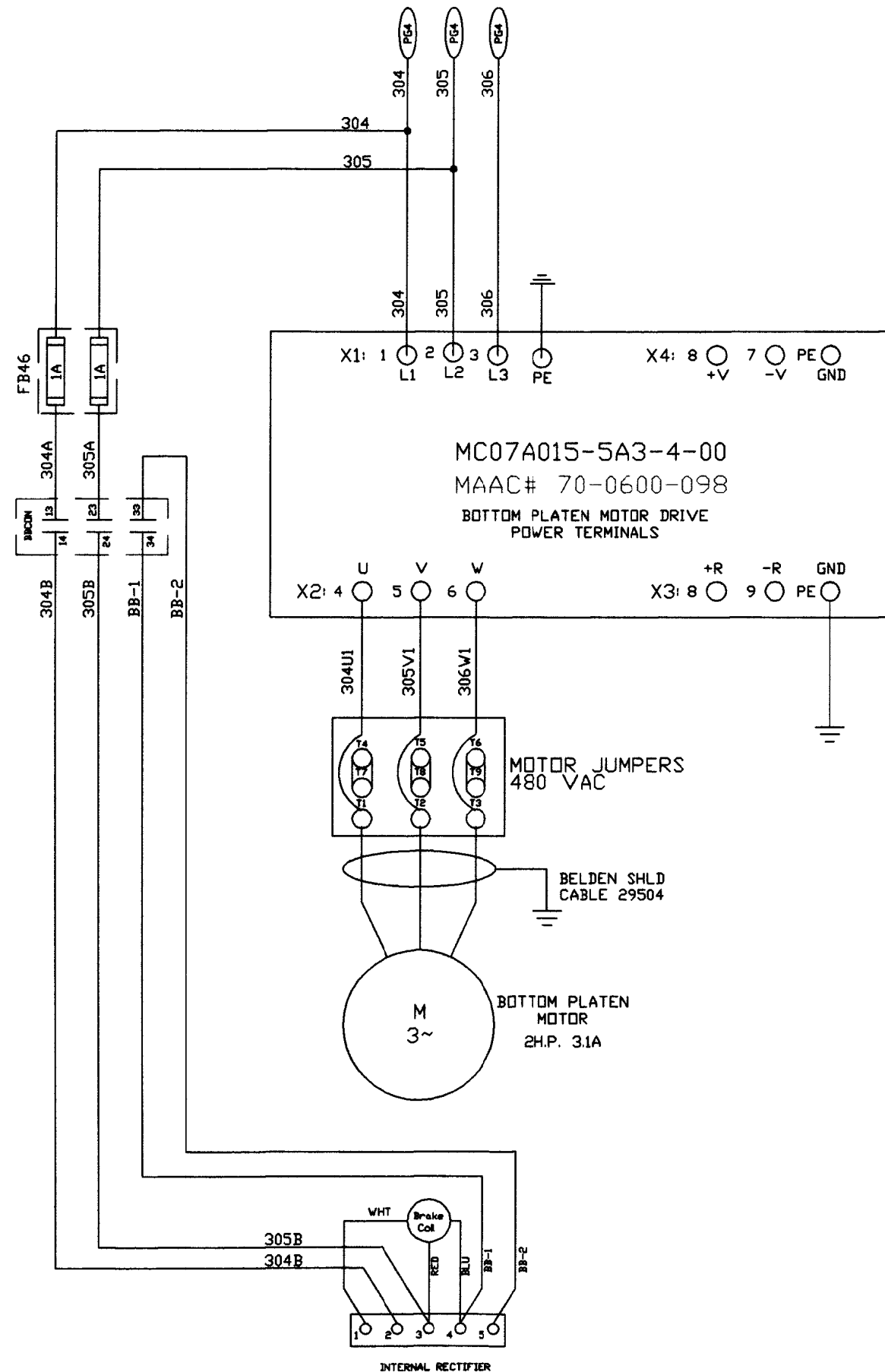
TOP PLATEN DRIVE



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TOP PLATEN DRIVE			3888
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BOTTOM PLATEN DRIVE



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BOTTOM PLATEN DRIVE

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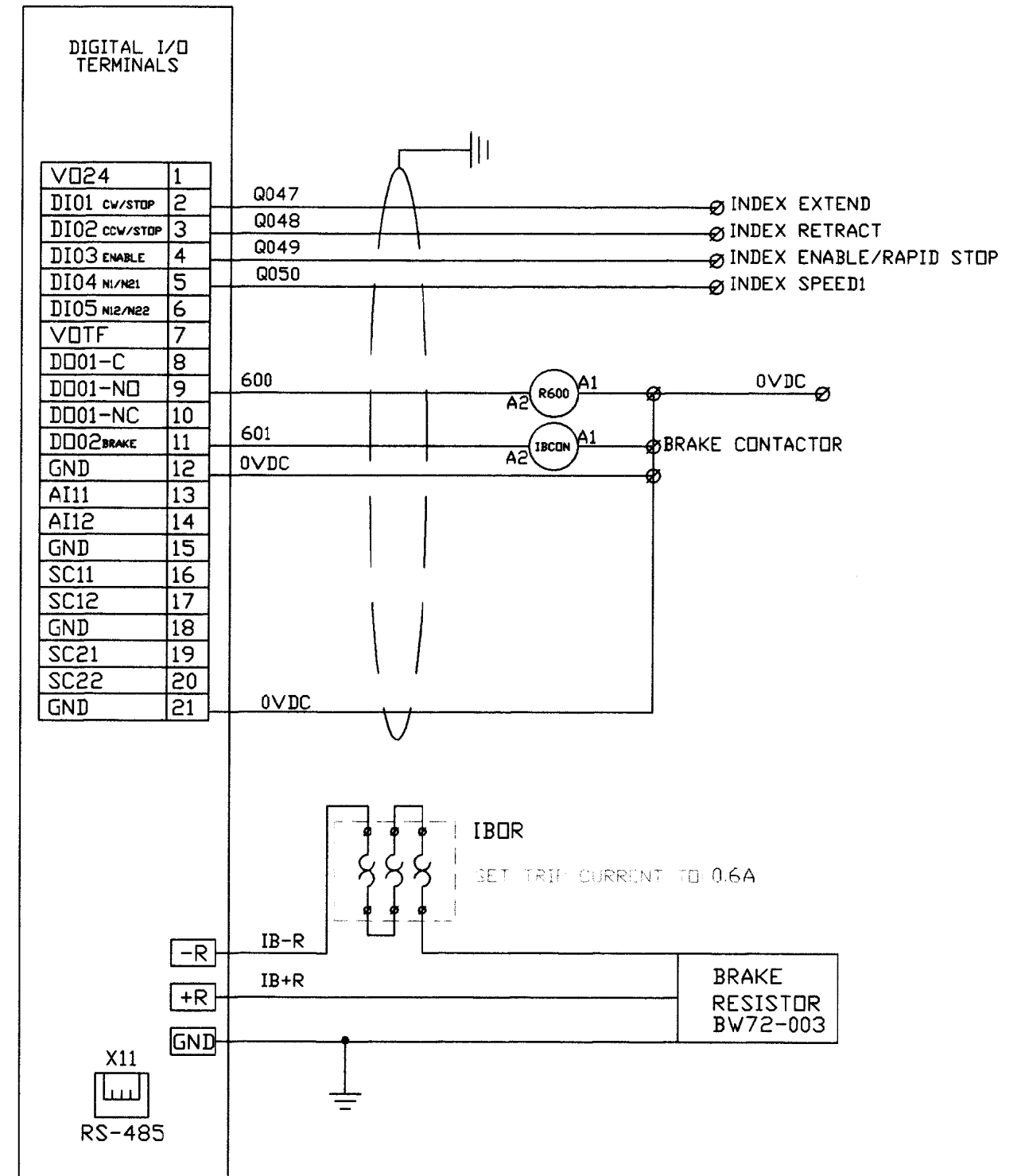
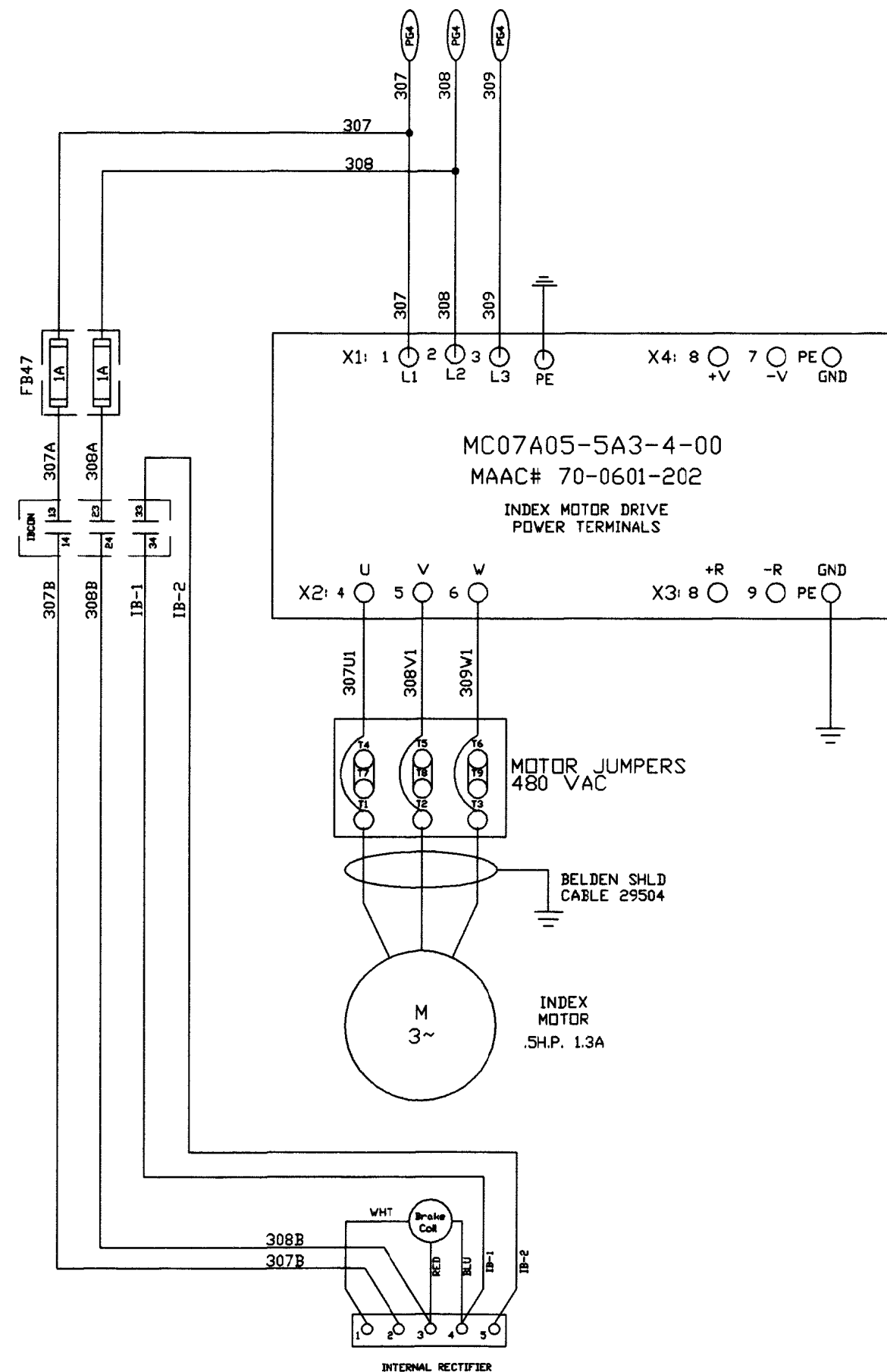
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PG08_BOTTOM PLATEN DRIVE

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INDEX DRIVE



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INDEX DRIVE

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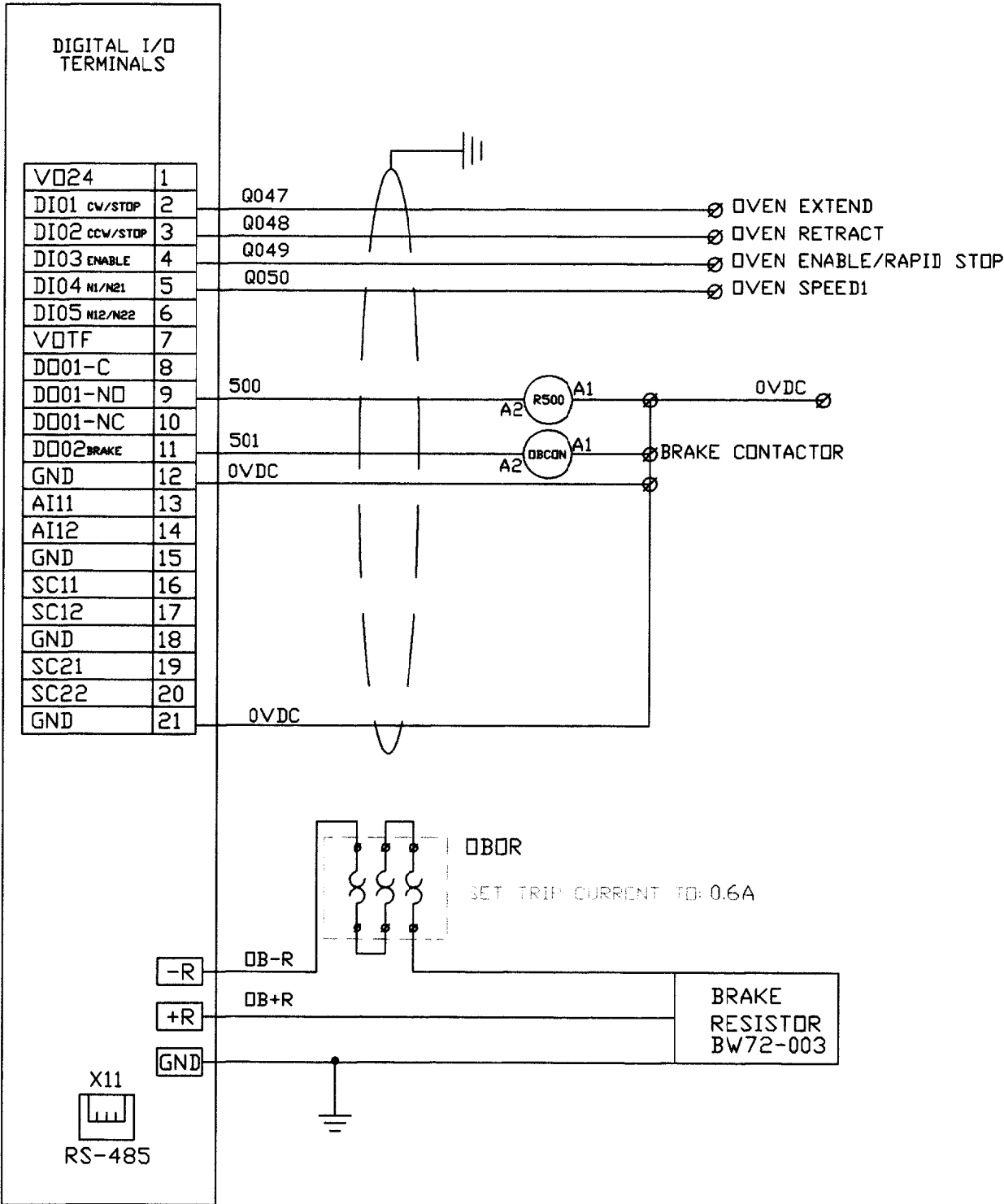
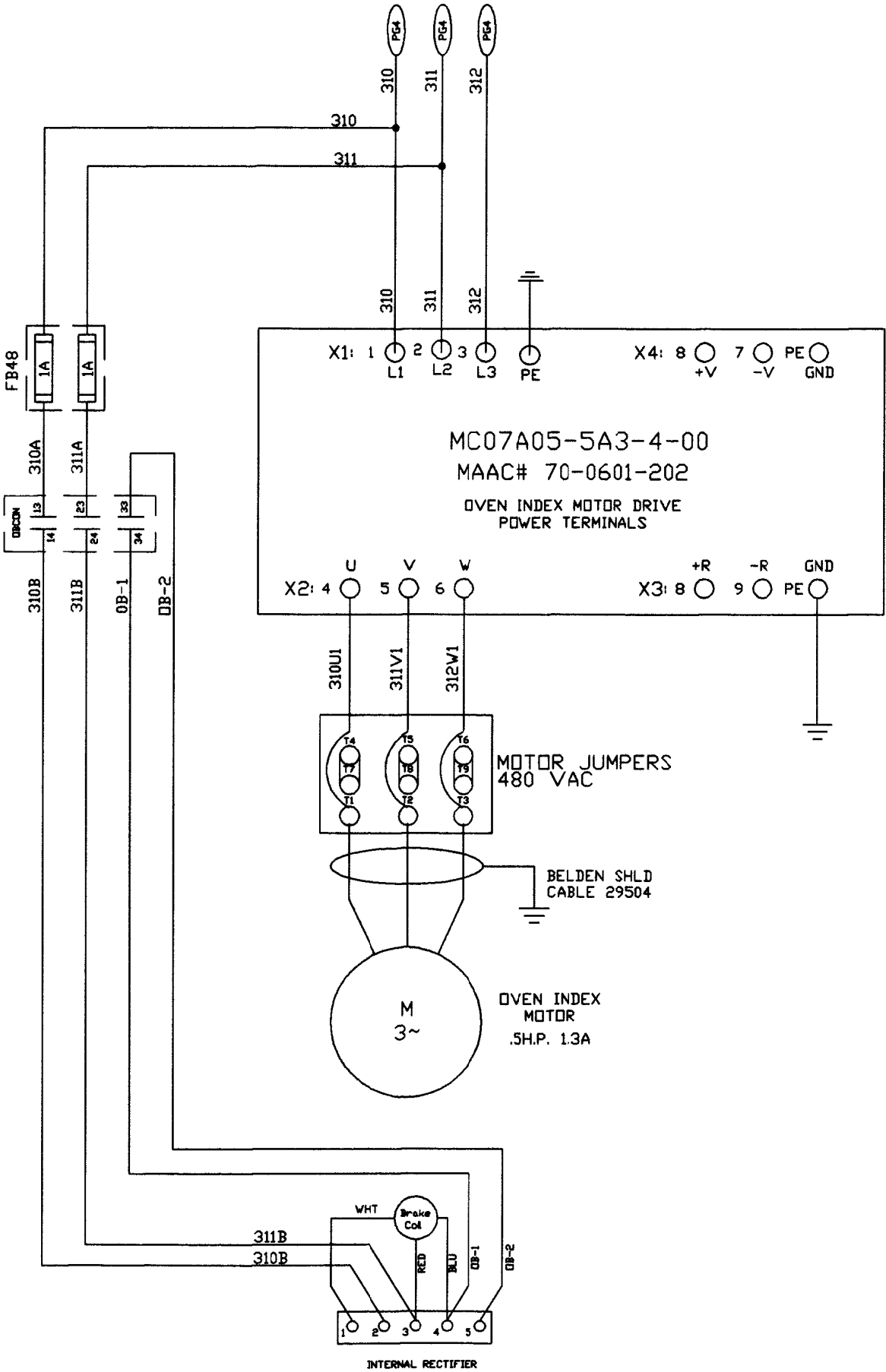
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PG9_INDEX DRIVE

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OVEN INDEX DRIVE



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OVEN INDEX DRIVE

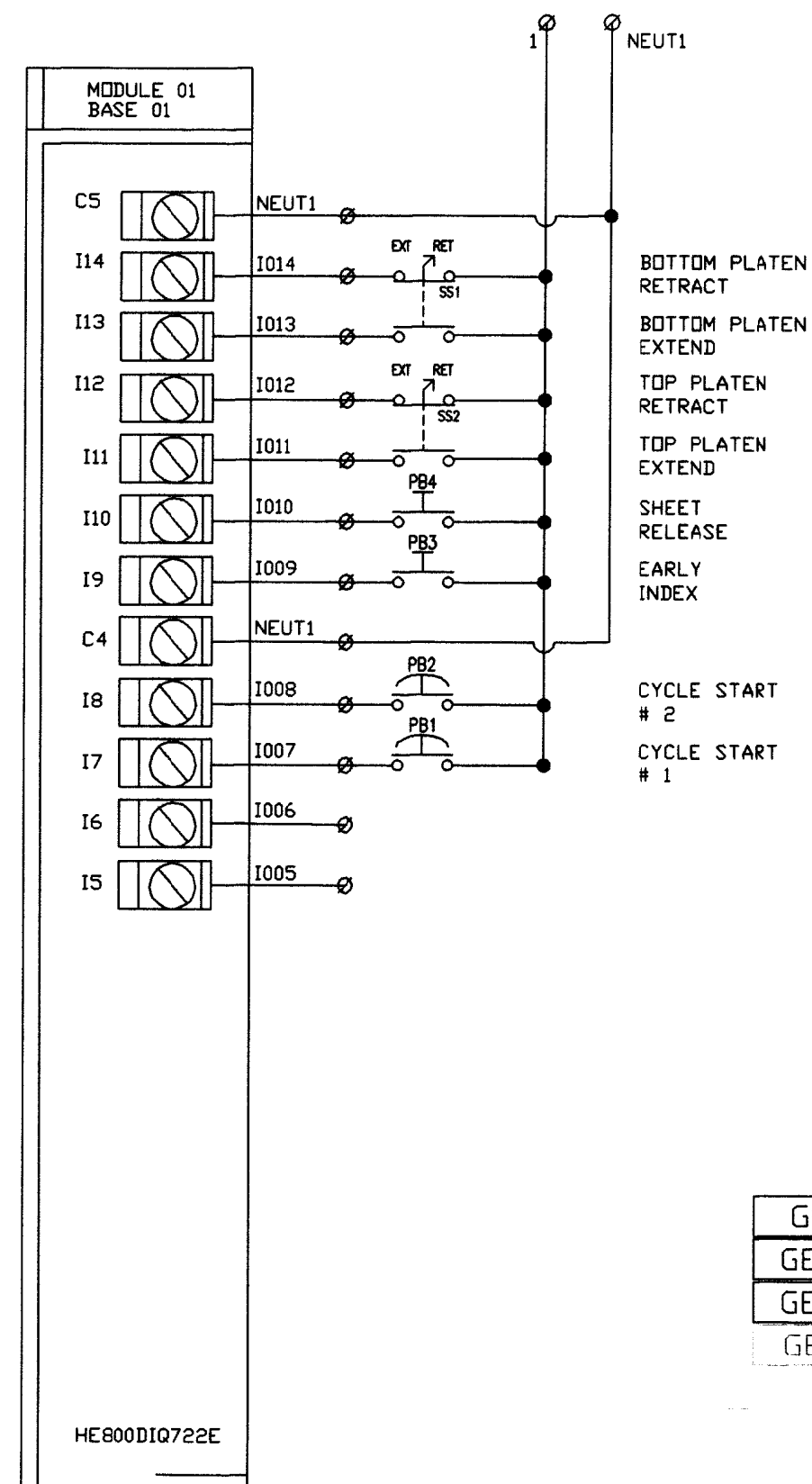
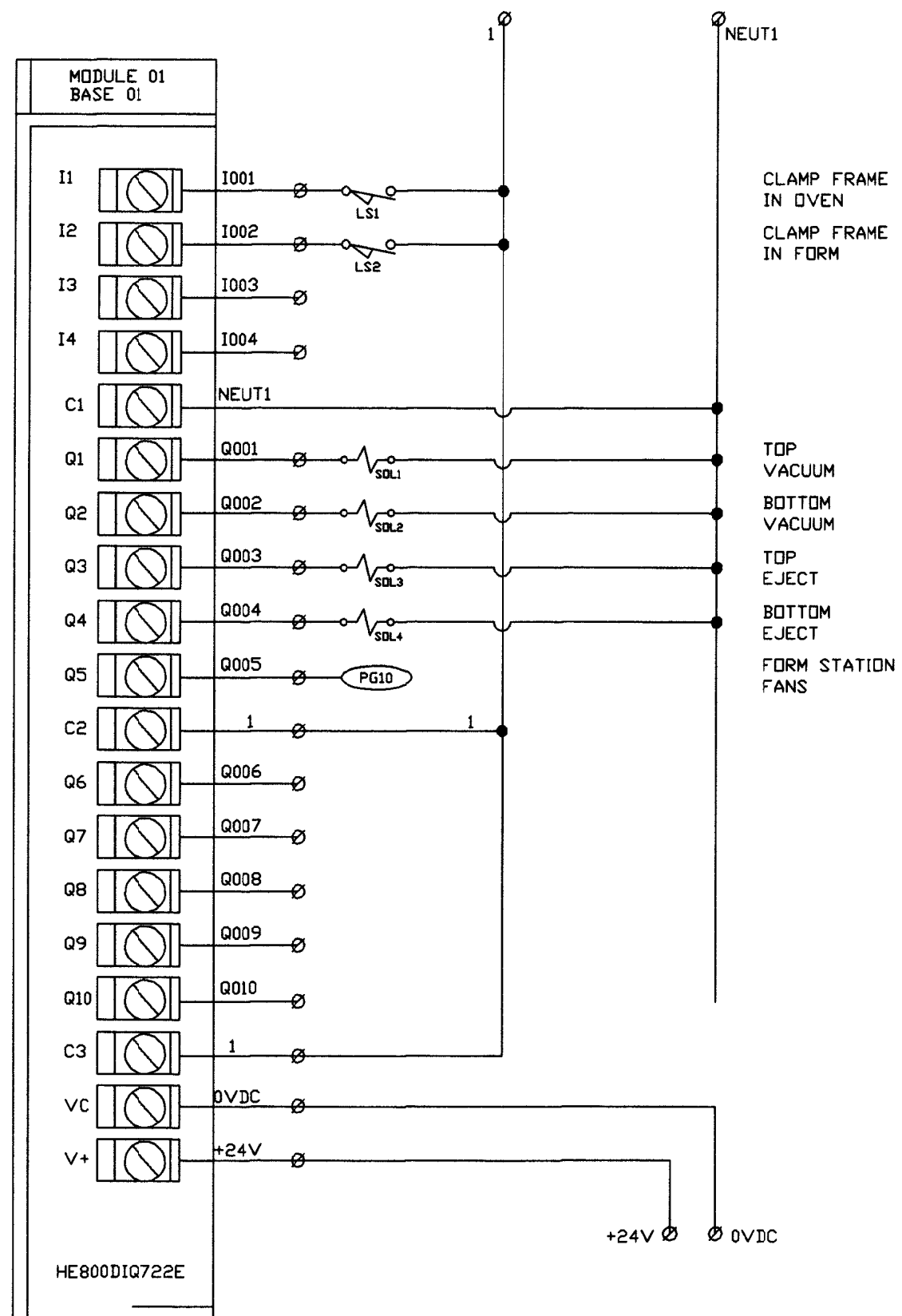
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PG10_OVEN INDEX DRIVE

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GE CONTROL 1

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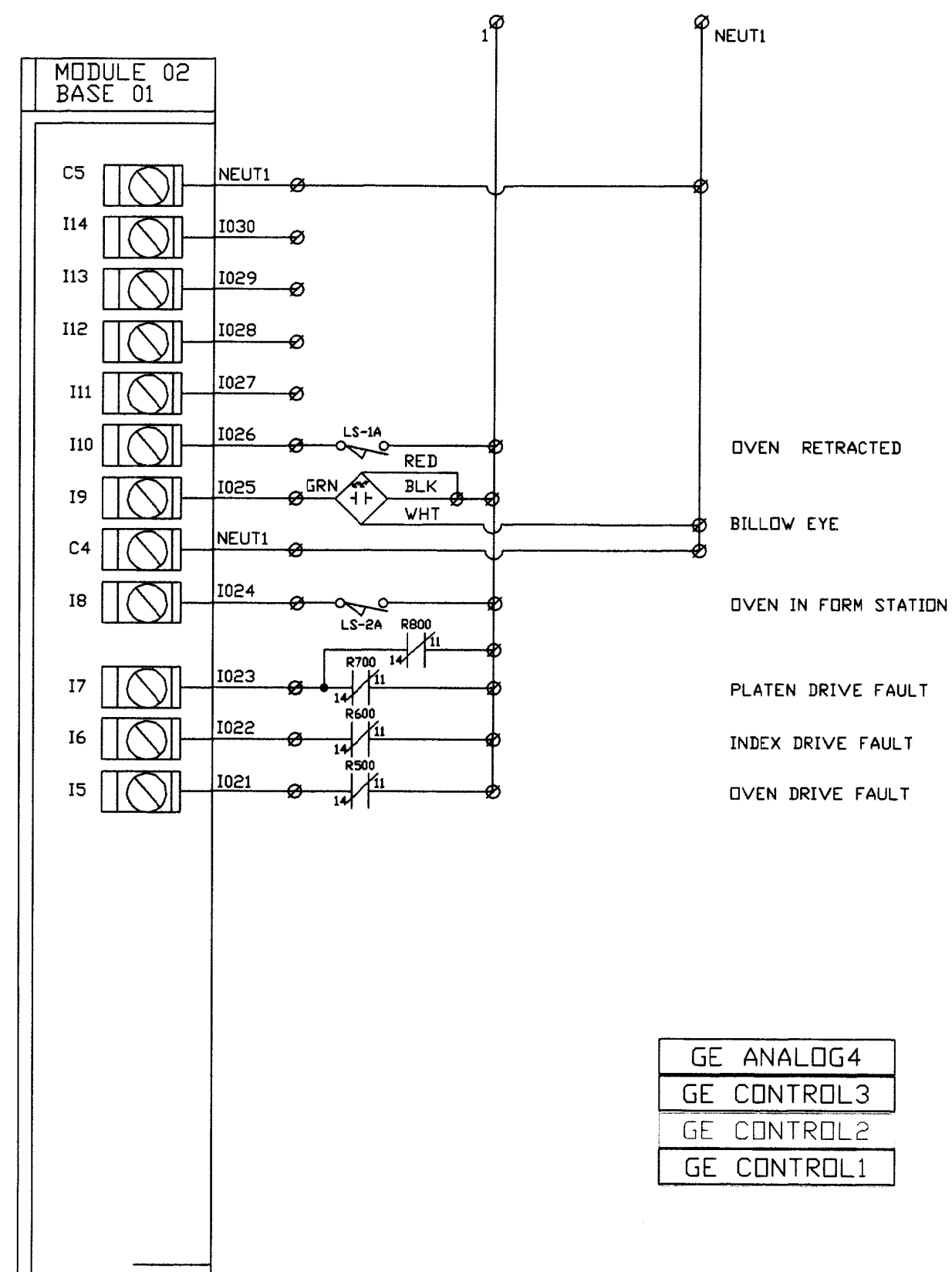
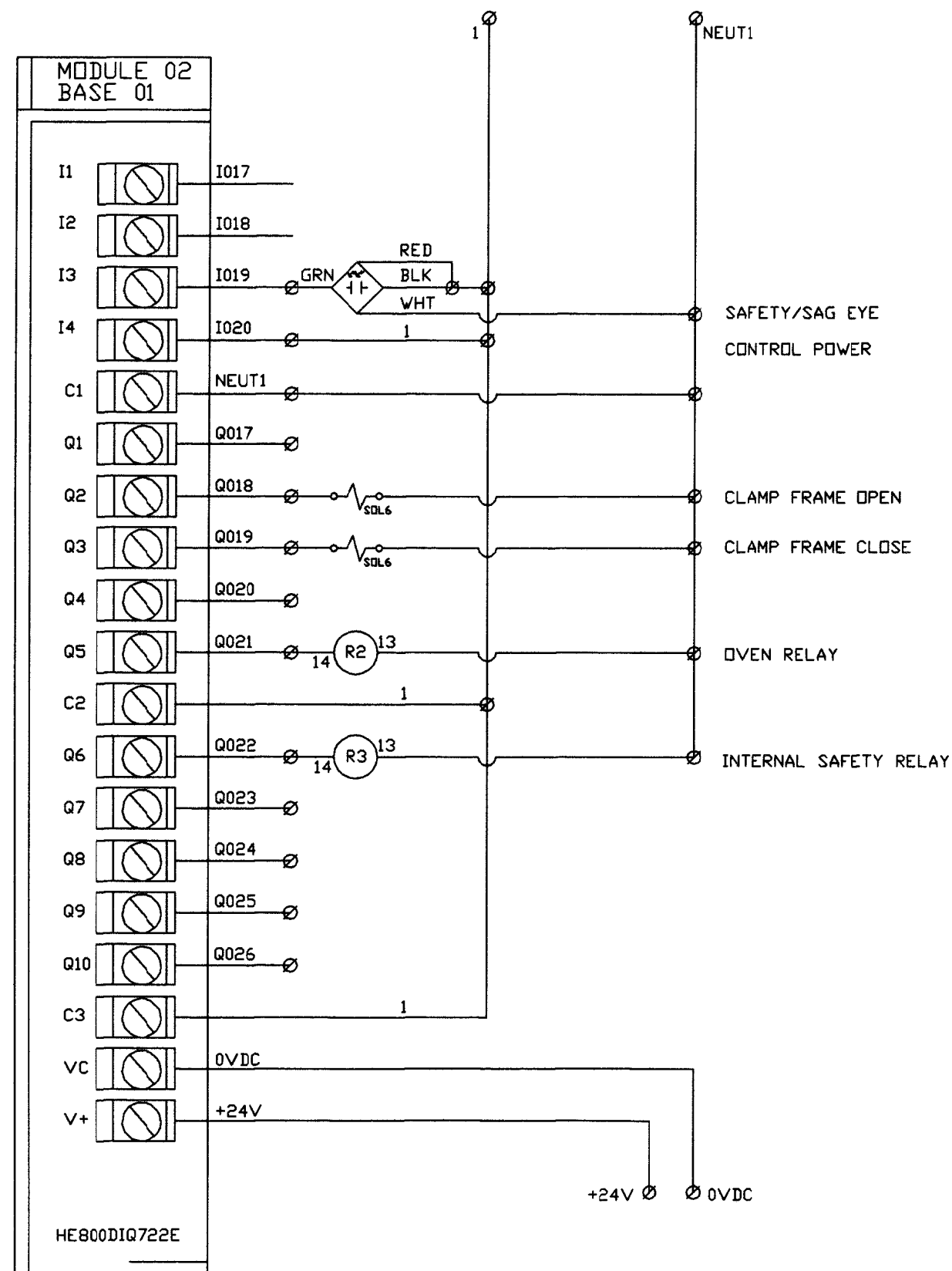
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PG12_GE CONTROL1

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GE CONTROL 2

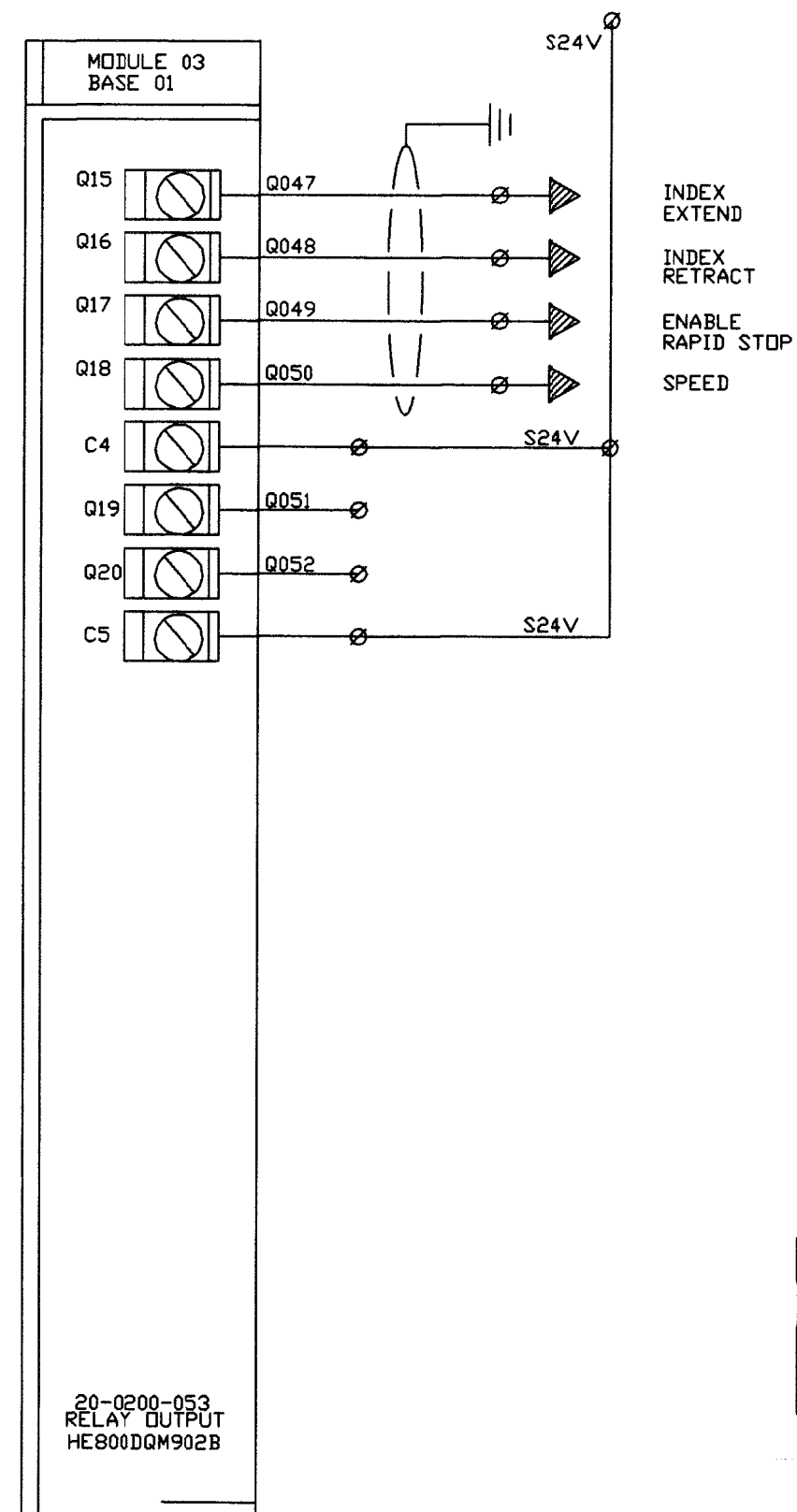
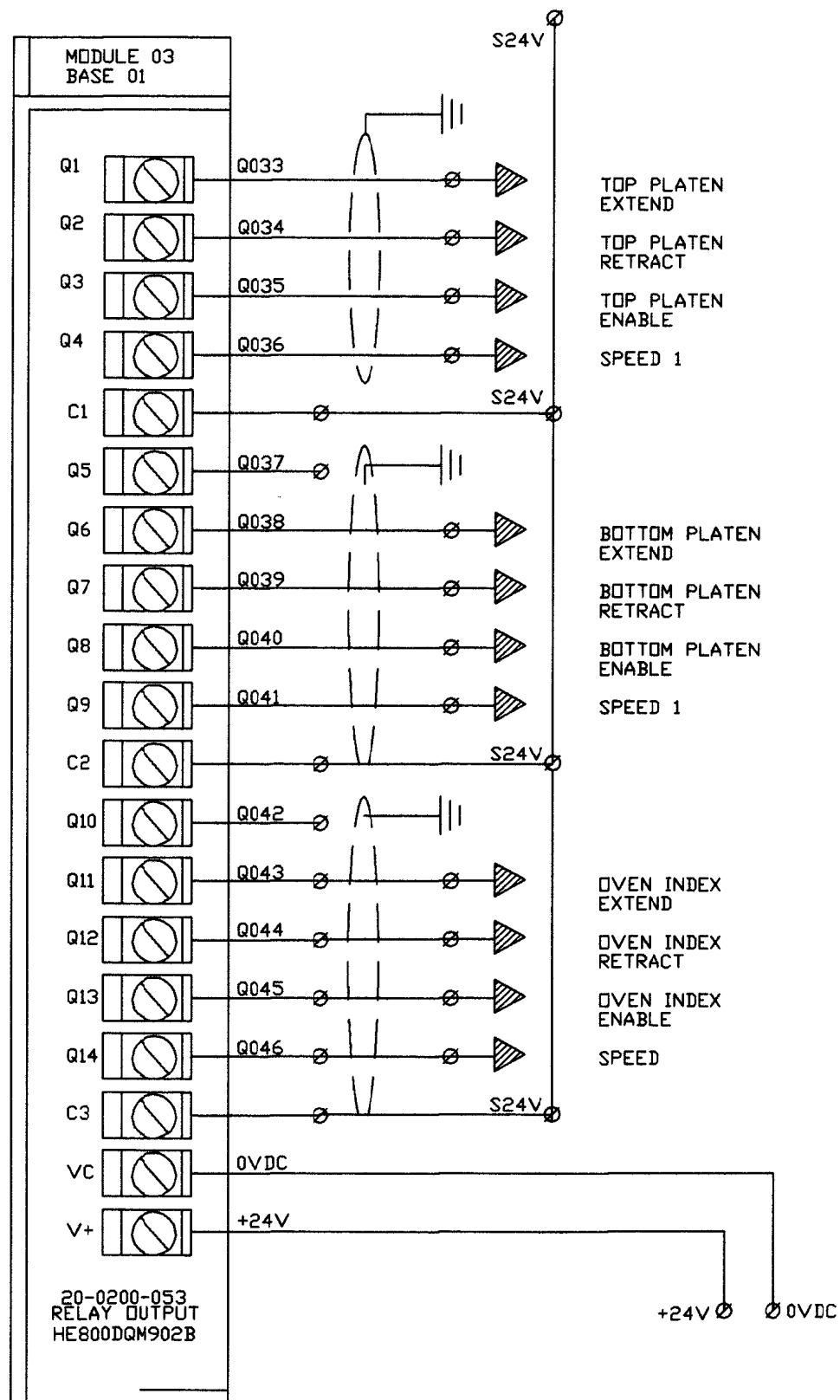
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PG13_GE CONTROL2

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GE CONTROL 3

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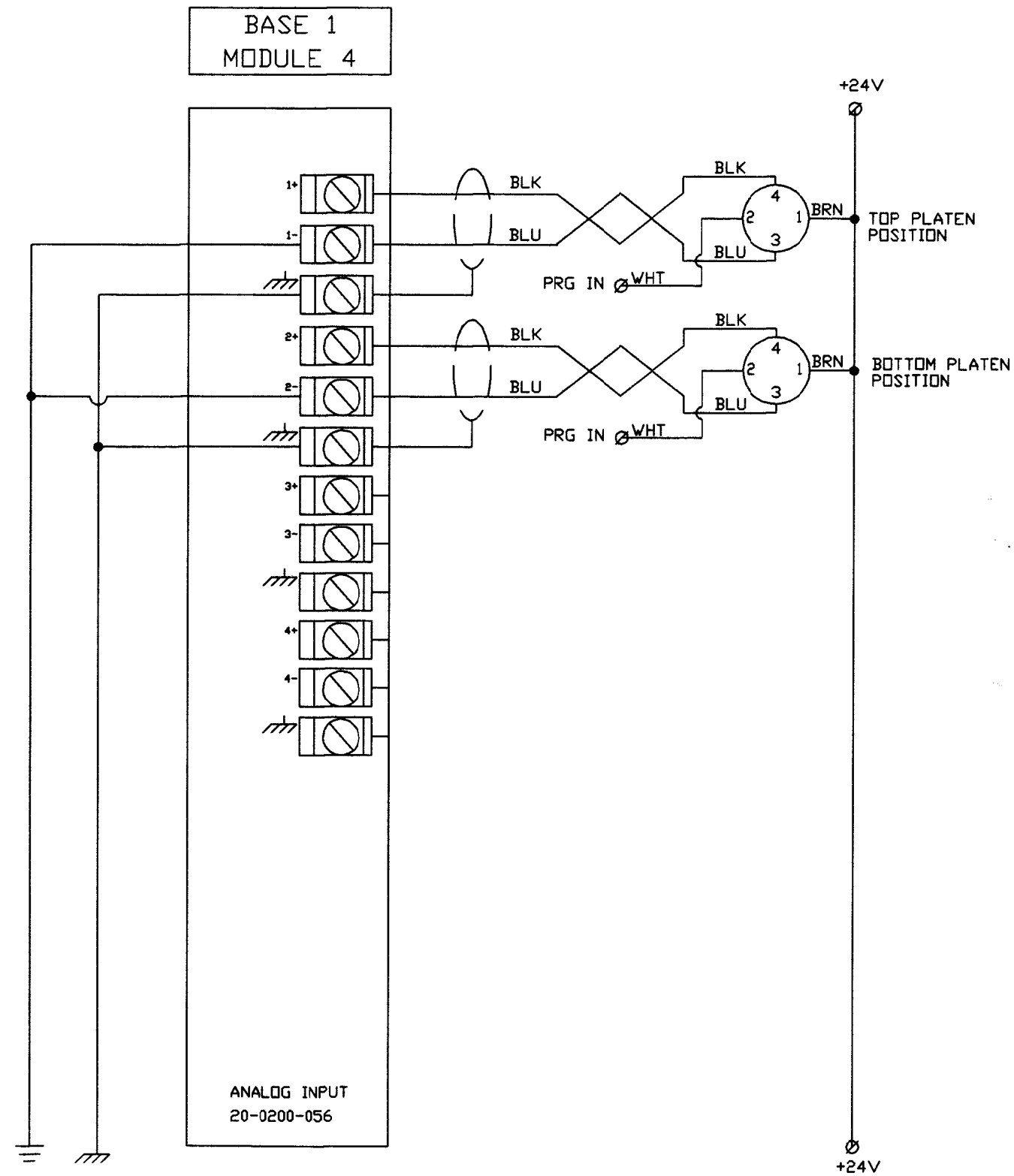
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PG15_GE CONTROL3

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ORIGINAL WIRE COLOR	SPLICED WIRE COLOR
#1 - BROWN	RED
#2 - WHITE	CLEAR
#3 - BLUE	GREEN
#4 - BLACK	BLACK

GE ANALOG4
GE CONTROL3
GE CONTROL2
GE CONTROL1



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GE ANALOG 4

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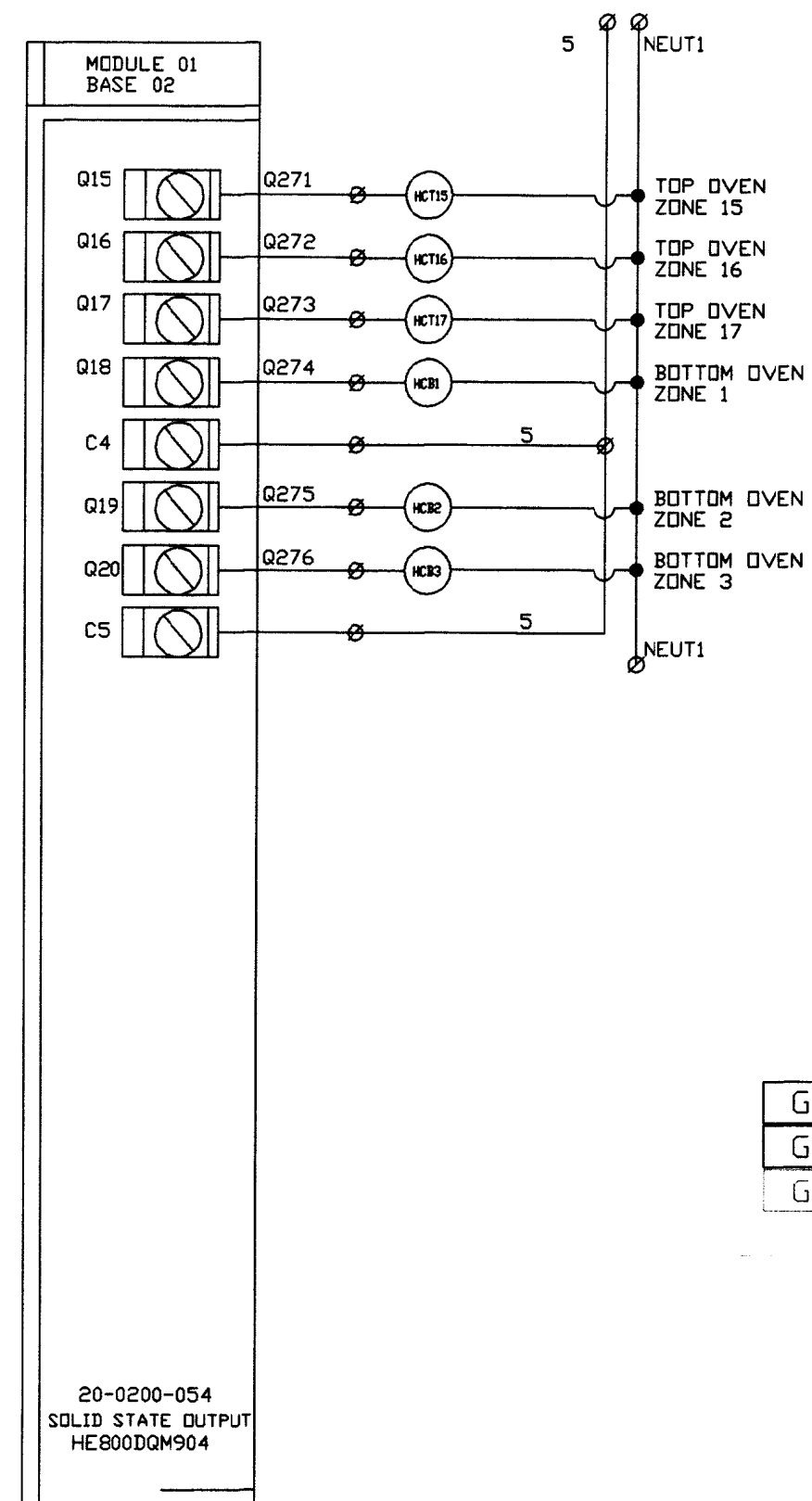
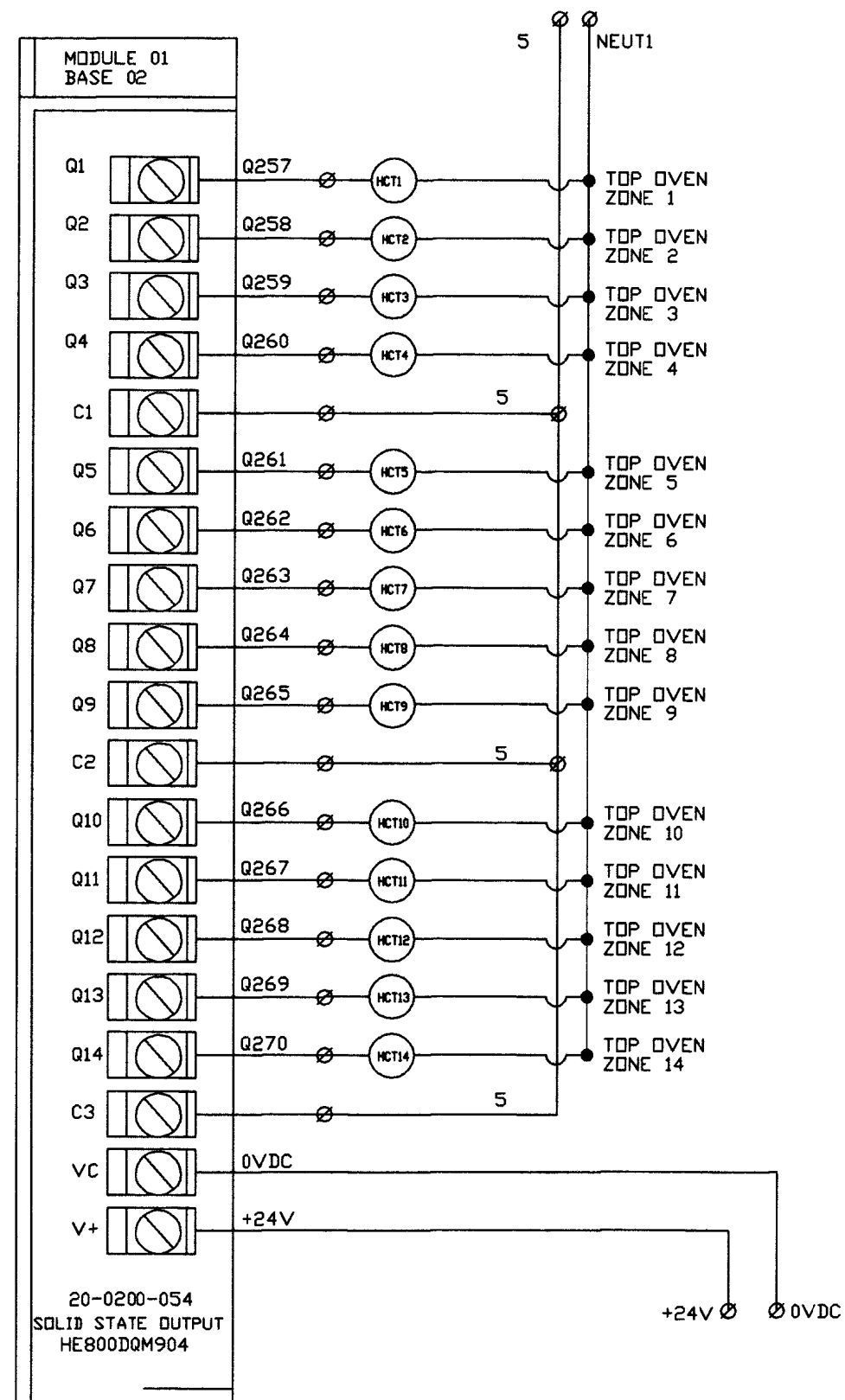
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PG16_GE ANALOG4

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GE CONTROL 7
GE CONTROL 6
GE CONTROL 5



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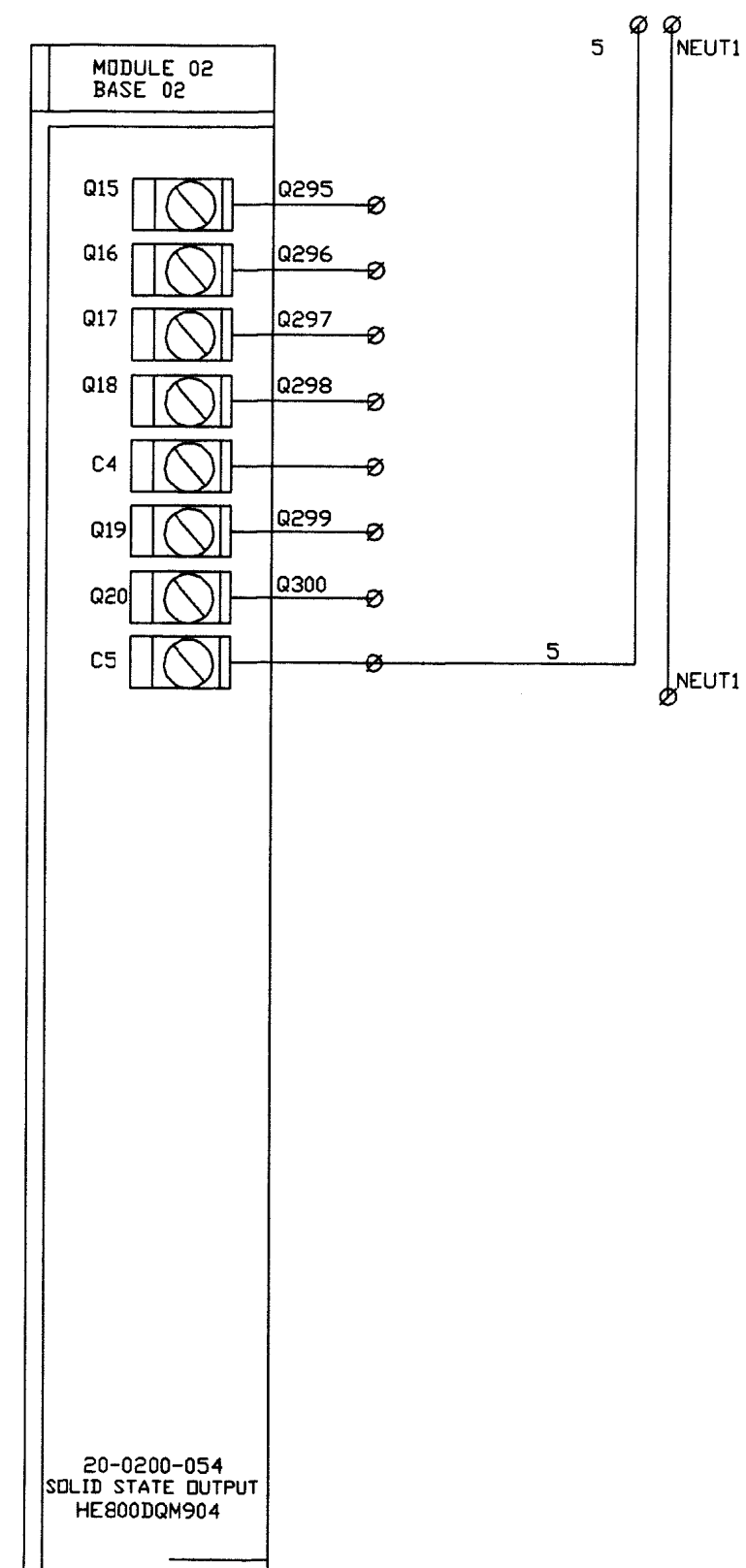
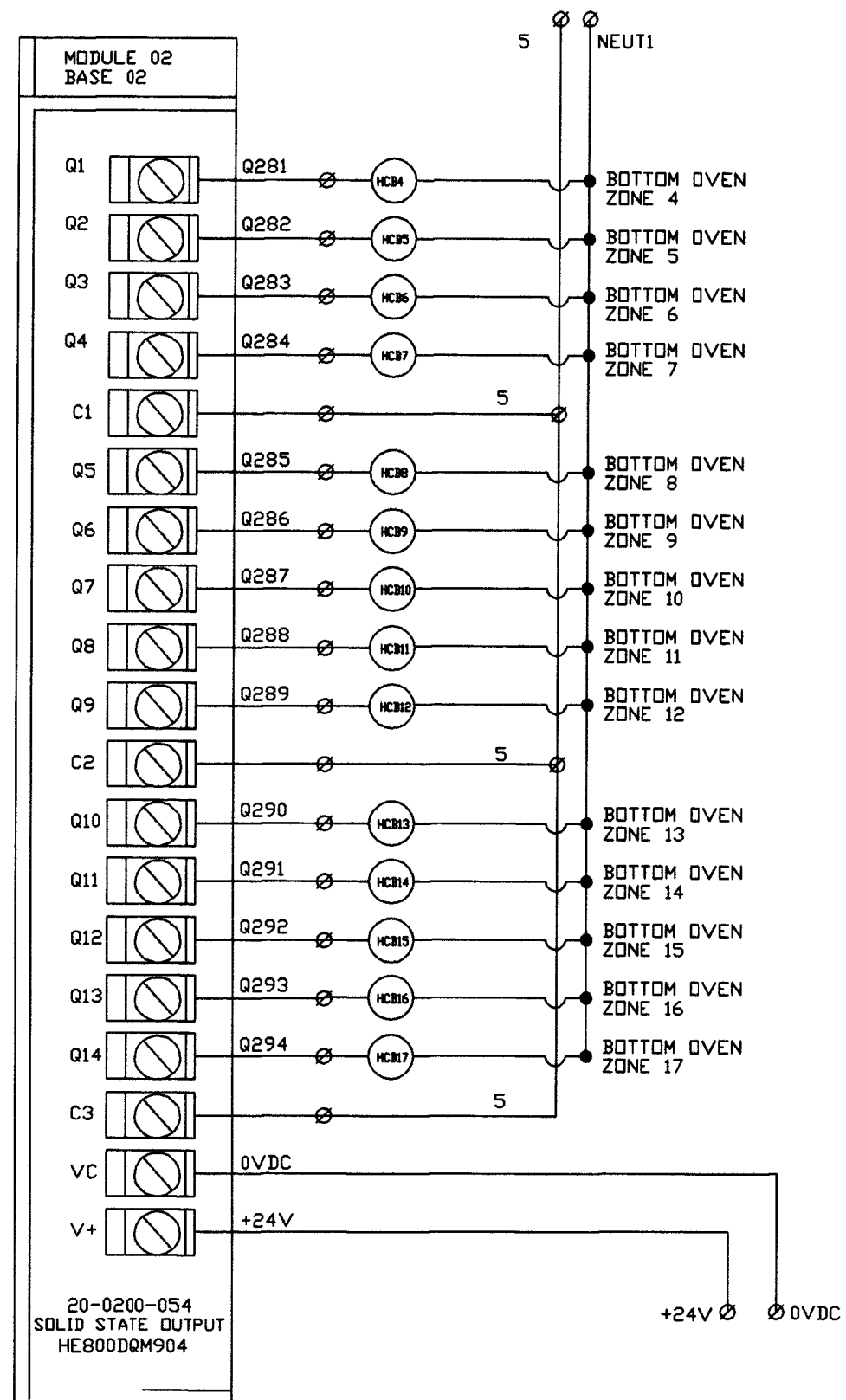
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PG17_GE CONTROL5

GE CONTROL 5

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GE CONTROL7
GE CONTROL6
GE CONTROL5



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GE CONTROL 6

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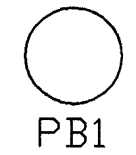
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PG18_GE CONTROL6

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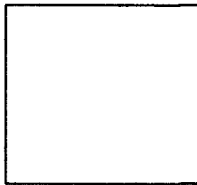
QCS451
GE FANUC

START



PB1

SHEETRELEASE



PB4

START



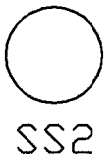
PB2

E-STOP



PBLT6

TOP
EXT/RET



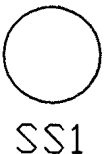
SS2

EARLY
INDEX



PB3

BOTTOM
EXT/RET



SS1

POWER ON



PBLT5

QTY.	INV. NO.	DESCRIPTION	FUNCTION
1	20-0505-141	BUTTON ILL. PUSH PULL RED 22.5MM	E-STOP
1	20-0505-201	BUTTON EXT. HEAD NG 22.5MM	POWER ON
1	20-0505-411	BUTTON 3 POS. SELECTOR MOMENTARY 22.5MM	PLATEN EXT./RET.
1	20-0505-411	BUTTON 3 POS. SELECTOR MOMENTARY 22.5MM	PLATEN EXT./RET.
1	20-0505-311	BUTTON FLUSH HEAD BLACK 22.5MM	EARLY INDEX
1	20-0505-311	BUTTON FLUSH HEAD BLACK 22.5MM	SHEET RELEASE
1	20-0505-116	BUTTON MUSHROOM HEAD GRN 22.5MM	START #1
1	20-0505-116	BUTTON MUSHROOM HEAD GRN 22.5MM	START #2
4	20-0200-053	MODULE RELAY OUTPUT 20 PT.	OUTPUT
2	20-0200-052	MODULE INPUT/OUTPUT A/C	INPUT/OUTPUT
1	20-0200-049	OPERATOR CONTROL STATION QCS451	CONTROLLER
2	20-0805-072	TEMPERATURE CONTROLLER DUAL DISPLAY	INFRARED EYE

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COMET CONSOLE

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FB#	DESCRIPTION	SIZE	TYPE	MFR. PART	QTY.	MAAC PART
1	MAIN DISCONNECT	300A	FAST ACTING	A4J300	3	15-0105-330
2	TOP OVEN MAIN	110A	FAST ACTING	A4J110	3	15-0105-265
3	BOTTOM OVEN MAIN	110A	FAST ACTING	A4J110	3	15-0105-265
4	TOP PLATEN MOTOR	6A	TIME DELAY	ATQ6	3	15-0105-690
5	BOTTOM PLATEN MOTOR	6A	TIME DELAY	ATQ6	3	15-0105-690
6	INDEX	3A	TIME DELAY	ATQ3	3	15-0105-684
7	OVEN OVER	3A	TIME DELAY	ATQ3	3	15-0105-684
8	FANS	3A	TIME DELAY	ATQ3	3	15-0105-684
9	VACUUM PUMP	20A	TIME DELAY	AJT20	2	15-0105-491
10A/B	T1 PRIMARY	15A	FAST ACTING	AJT15	1	15-0105-492
10C	T1 SECONDARY	30A	FAST ACTING	A4J30	1	15-0105-135
11-13	TOP OVEN ZONES 1-3	5A	FAST ACTING	ATM5	9	15-0105-370
14-19	TOP OVEN ZONES 4-9	10A	FAST ACTING	ATM10	18	15-0105-380
20-23	TOP OVEN ZONES 10-13	15A	FAST ACTING	ATM15	12	15-0105-400
24-25	TOP OVEN ZONES 14-15	10A	FAST ACTING	ATM10	6	15-0105-380
26-27	TOP OVEN ZONES 16-17	15A	FAST ACTING	ATM15	6	15-0105-400
28-30	BOTTOM OVEN ZONES 1-3	5A	FAST ACTING	ATM5	9	15-0105-370
31-36	BOTTOM OVEN ZONES 4-9	10A	FAST ACTING	ATM10	18	15-0105-380
37-40	BOTTOM OVEN ZONES 10-13	15A	FAST ACTING	ATM15	12	15-0105-400
41-42	BOTTOM OVEN ZONES 14-15	10A	FAST ACTING	ATM10	6	15-0105-380
43-44	BOTTOM OVEN ZONES 16-17	15A	FAST ACTING	ATM15	6	15-0105-400
45	TOP PLATEN BRAKE RECTIFIER	1A	TIME DELAY	ATQ1	2	15-0105-367

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FUSE CHART (1 OF 2)

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